

Title (en)
BACK-TO-BACK REFERENCE SIGNALS

Title (de)
BACK-TO-BACK-REFERENZSIGNALS

Title (fr)
SIGNAUX DE RÉFÉRENCE SUCCESSIFS

Publication
EP 3378183 A1 20180926 (EN)

Application
EP 16801926 A 20161111

Priority
• US 201562256555 P 20151117
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• US 2016061575 W 20161111

Abstract (en)
[origin: US2017141896A1] Methods, systems, and devices for wireless communication are described. A base station may select a two sets of reference signal resource elements (REs) for a symbol period, where each RE of the first set is contiguous to an RE of the second set. The base station may also identify resource element groups (REGs) for control signaling, where each REG covers one or more resource blocks (RBs). The base station may then perform interference cancellation, which may be based on an interference covariance matrix for each of the REGs. In some cases, the base station may coordinate with neighboring base stations (directly or through the core network) to ensure that the selected REGs do not partially overlap with reference signal transmissions or REGs of neighboring base stations.

IPC 8 full level
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Citation (search report)
See references of WO 2017087276A1

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US 10476641 B2 20191112; **US 2017141896 A1 20170518**; AU 2016357253 A1 20180426; AU 2016357253 B2 20200409; BR 112018010000 A2 20181121; BR 112018010000 A8 20190226; CN 108604960 A 20180928; CN 108604960 B 20210326; EP 3378183 A1 20180926; EP 3378183 B1 20191225; JP 2019504525 A 20190214; KR 102109289 B1 20200511; KR 20180083858 A 20180723; TW 201724793 A 20170701; TW I704792 B 20200911; WO 2017087276 A1 20170526

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